

Application No: 10/697,363
Attorney Docket 1-24778

AMENDMENTS TO THE CLAIMS

Please amend the claims as presented below.

1. (currently amended) A seating system for a personal mobility vehicle, the seating system comprising:
 - a base mounted for movement on wheels;
 - a seat tray positioned within the base and mounted for forward and rearward sliding movement with respect to the base;
 - a seat back pivotally mounted relative to the seat tray;
 - a leg support pivotally mounted with respect to the seat tray so that the leg support pivots automatically at the knee joint of a user as the seat back reclines; and
 - a biasing element connected relative to the base and the seat tray for biasing the seat tray rearward relative to the base.
2. (original) The seating system of claim 1, wherein the seat tray is mounted to the base by a low-friction slide.
3. (previously presented) The seating system of claim 2, wherein the slide limits the sliding movement of the seat tray to a substantially horizontal movement.
4. (previously presented) The seating system of claim 1, wherein the biasing element stores energy and has a dampening effect upon application of force by a user to move the seat tray forward and releases energy when a user relaxes to automatically move the inner seat tray rearward.
5. (cancelled)

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6. (currently amended) The seating system of claim 5 1, wherein the seat back is connected to a back support member, and wherein downward movement of the back support member in a substantially vertical direction with respect to the base causes the seat back to pivot at the seat tray, thereby reclining the seat back, and thereby causing the seat tray to slide forward with respect to the base.

7. (original) The seating system of claim 6, further comprising a locking mechanism supported with respect to the base for locking the back support member in a fixed position with respect to the base.

8. (original) The seating system of claim 5 wherein the seat back is pivotally mounted to the seat tray at pivot points that approximate anatomical pivot points of a user's body.

9. (cancelled)

10. (currently amended) A seating system for a personal mobility vehicle, the seating system comprising:

a base mounted for movement on wheels;

a seat tray positioned within the base and mounted for forward and rearward sliding movement with respect to the base;

a seat back pivotally mounted with respect to the seat tray to permit the seat back to recline and thereby cause the seat tray to slide forward with respect to the base;

a leg support pivotally mounted with respect to the seat tray so that the leg support pivots automatically at the knee joint of a user as the seat back reclines; and

a biasing element between the base and the seat tray for biasing the seat tray rearward relative to the base to a non-reclined condition.

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11. (original) The seating system of claim 10, wherein the seat tray is mounted to the base by a low-friction slide.

12. (previously presented) The seating system of claim 11, wherein the slide limits the sliding movement of the seat tray to a substantially horizontal movement.

13. (previously presented) The seating system of claim 10, wherein the biasing element stores energy and has a dampening effect upon application of force by a user to move the seat tray forward and releases energy when a user relaxes to automatically move the inner seat tray rearward.

14. (original) The seating system of claim 14, wherein the seat back is connected to a back support member, and wherein downward movement of the back support member in a substantially vertical direction with respect to the base causes the seat back to pivot at the seat tray, thereby reclining the seat back, and thereby causing the seat tray to slide forward with respect to the base.

15. (original) The seating system of claim 14, further comprising a locking mechanism supported with respect to the base for locking the back support member in a fixed position with respect to the base.

16. (original) The seating system of claim 10, wherein the seat back is pivotally mounted to the seat tray at pivot points that approximate anatomical pivot points of a user's body.

17. (cancelled)

18. (original) The seating system of claim 10, wherein sliding movement of the seat tray is substantially horizontal movement.

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19. (previously presented) A seating system for a personal mobility vehicle, the seating system comprising:

a base mounted for movement on wheels;

a seat tray positioned within the base;

low-friction slides for mounting the seat tray to the base for forward and rearward sliding movement of the seat tray with respect to the base, wherein the sliding movement is substantially horizontal movement;

a seat back pivotally mounted with respect to the seat tray to permit the seat back to recline and thereby cause the seat tray to slide forward with respect to the base;

a leg support pivotally mounted with respect to the seat tray so that the leg support pivots automatically at the knee joint of a user as the seat back reclines; and

a biasing element between the base and the seat tray for biasing the seat tray rearward relative to the base to a non-reclined condition.